

## 7.0 Monitoring Plan

Follow-up monitoring of the Guyandotte River watershed is recommended. Future monitoring can be used to evaluate water quality conditions, changes or trends in water quality conditions, and contribute to an improved understanding of the source loading behavior. The following monitoring activities are recommended for this TMDL.

WVDEP should continue monitoring the impaired segments of the Guyandotte River watershed via its established Watershed Management monitoring approach in the Lower Guyandotte River watershed from 7/2003 to 6/2004, 7/2008 to 6/2009, and beyond, and in the Upper Guyandotte River watershed from 7/2005 to 6/2006, 7/2010 to 6/2011, and beyond.

WVDEP or other entities conducting restoration activities should monitor in advance of, during, and after installation of reclamation activities affecting water quality at abandoned mine sites.

WVDEP should consider additional stations and more frequent sampling of water quality in the impaired reaches, and continue to encourage participation by active watershed organizations.

WVDEP should emphasize the use of proper Quality Assurance Quality Control (QA/QC) protocols to avoid potential sample contamination during water sample collection and transfer.